

**EAST Search History**

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L26   | 1781 | (251/368).OCLS.   | US-PGPUB;<br>USPAT                        | OR               | OFF     | 2009/06/30<br>16:05 |
| L25   | 300  | (251/318).OCLS.   | US-PGPUB;<br>USPAT                        | OR               | OFF     | 2009/06/30<br>16:02 |
| L24   | 1014 | (137/375).OCLS.   | US-PGPUB;<br>USPAT                        | OR               | OFF     | 2009/06/30<br>16:02 |
| L23   | 9    | L22 and (ammonia\$4 near2<br>gas)   | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>16:02 |
| L22   | 2757 | (251/368).OCLS.   | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>16:02 |
| L21   | 18   | L20 and ammonia   | US-PGPUB;<br>USPAT                        | OR               | ON      | 2009/06/30<br>16:02 |
| L20   | 228  | ("251"/\$.ccls. or "137"/\$.ccls.)<br>and ("flow controller" and<br>"pressure regulator" and filter<br>and valve) | US-PGPUB;<br>USPAT                        | OR               | ON      | 2009/06/30<br>16:02 |
| L19   | 1    | ("5,149,105").PN.   | US-PGPUB;<br>USPAT                        | OR               | OFF     | 2009/06/30<br>15:29 |
| L18   | 1    | 17 and ("polyphenylene<br>sulfide" or pps)  | US-PGPUB;<br>USPAT                        | OR               | OFF     | 2009/06/30<br>15:13 |
| L17   | 69   | ((halogen\$4 near4 free\$4)<br>with resin\$4) with<br>(environmental\$4 or pollut\$6)                             | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>15:13 |
| L16   | 65   | ((halogen\$4 near4 free\$4)<br>with resin\$4) with<br>(environmental\$4)  | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>15:10 |
| L15   | 101  | ((halogen\$4 near4 free\$4)<br>with resin\$4) with<br>(environment\$6)  | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>15:09 |
| L14   | 3    | "0791634"   | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>15:05 |
| L13   | 0    | "0791634"   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/06/30<br>15:05 |
| L12   | 5    | ((halogen\$4 near4 free\$4)<br>with resin\$4) with<br>("polyphenylene sulfide" or<br>pps)                         | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>15:03 |
| L11   | 78   | ((halogen\$4 near4 free\$4)<br>with resin\$4) and<br>("polyphenylene sulfide" or<br>pps)                          | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>15:03 |
| L10   | 1170 | ((halogen\$4 near4 free\$4)<br>with resin\$4)   | US-PGPUB;<br>USPAT; USOCR                 | OR               | OFF     | 2009/06/30<br>15:03 |

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| L9   | 3   | ((halogen\$4 near4 free\$4) with resin\$4) and ("251"/\$.ccls. or "137"/\$.ccls.)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 15:02 |
| L8   | 3   | ((halogen\$4 near4 free\$4) with resin\$4) and ("stainless steel" or cobalt or nickel or ceramic or alumina or "aluminum nitride" or "silicon carbide") and ("251"/\$.ccls. or "137"/\$.ccls.)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 15:01 |
| L7   | 19  | 1 and (ammonia\$4)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 09:59 |
| L6   | 3   | 1 and (halogen\$4 with free\$4)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 09:58 |
| L5   | 20  | 1 and halogen\$4   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 09:57 |
| L4   | 96  | (((polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with resin\$4) and gas and ("stainless steel" or cobalt or nickel or ceramic or alumina or "aluminum nitride" or "silicon carbide") and ("251"/\$.ccls. or "137"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 09:48 |
| L3   | 193 | (((polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with resin\$4) and ("stainless steel" or cobalt or nickel or ceramic or alumina or "aluminum nitride" or "silicon carbide") and ("251"/\$.ccls. or "137"/\$.ccls.)         | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 09:48 |
| L2   | 207 | (((polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with resin\$4) and gas and ("251"/\$.ccls. or "137"/\$.ccls.)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 09:45 |
| L1   | 455 | (((polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with resin\$4) and ("251"/\$.ccls. or "137"/\$.ccls.)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/30 09:44 |
| S120 | 1   | ("20010051481").PN.  | US-PGPUB; USPAT        | OR | OFF | 2009/06/29 15:48 |

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| S119 | 31   | (((polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with (halogen\$4 near4 free\$4)) and valv\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:42 |
| S118 | 797  | (((polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with (halogen\$4 near4 free\$4))             | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:41 |
| S117 | 9    | S112 and (ammonia\$4 near2 gas)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:41 |
| S116 | 1013 | (137/375).OCLS.  | US-PGPUB; USPAT        | OR | OFF | 2009/06/29 14:41 |
| S115 | 300  | (251/318).OCLS.  | US-PGPUB; USPAT        | OR | OFF | 2009/06/29 14:41 |
| S114 | 4    | (S102 or S103) and (halogen \$4 with free\$4)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:40 |
| S113 | 28   | S112 and ammonia\$4  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:39 |
| S112 | 2756 | (251/368).OCLS.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:39 |
| S111 | 663  | valv\$4 and ((halogen\$4 near4 free\$4))   | USPAT                  | OR | OFF | 2009/06/29 14:38 |
| S110 | 3    | ((YASUHIRO) near2 (KOSUGE)).INV.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:37 |
| S109 | 7    | ((HIROYASU) near2 (TAGUCHI)).INV.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:37 |
| S108 | 225  | "251"/\$.ccls. and ((polyolefin \$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with resin\$4)            | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:37 |
| S107 | 294  | "137"/\$.ccls. and ((polyolefin \$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) with resin\$4)            | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:37 |
| S106 | 3    | (S102 or S103) and (halogen \$4 near3 free\$4)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:28 |
| S104 | 102  | (S102 or S103) and halogen\$4  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:27 |
| S103 | 1325 | "137"/\$.ccls. and (polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek)                             | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/29 14:27 |

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|------|-----|--|------------------------|----|------|---------------------|
| S102 | 790 | "251"/\$.ccls. and (polyolefin\$4 or phenol\$4 or xylene\$4 or "polyphenylene sulfide" or polyetheretherketone or pps or peek) | US-PGPUB; USPAT; USOCR | OR | :OFF | 2009/06/29<br>14:26 |
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6/ 30/ 09 4:05:33 PM

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